

A3  
conc. comprises a counter for counting a timing signal based on said linear scale and wherein said high-resolution position detecting means comprises a timer which is initialized by said timing signal and measures a time with a predetermined clock signal.

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A4  
B2  
7. (Amended) The image forming device according to claim 1 wherein said calculating means uses said pattern detecting means to detect the vertical bar at least two positions in a longitudinal direction of said vertical bar to obtain a print position of said vertical bar based on an average value of the detected results.

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A5  
10. (Amended) The image forming device according to claim 1 wherein, based on both edges of an obtained pattern element, said calculating means calculates a center position of a width of the pattern element.

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✓  
Add new claims 13-17 as follows:

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A6  
13. The image forming device according to claim 2 wherein said pattern detecting means is a reflective sensor comprising a light emitting element and a light receiving element.

14. The image forming device according to claim 3 wherein said pattern detecting means is a reflective sensor comprising a light emitting element and a light receiving element.

AG  
conc.

15. The image forming device according to claim 2 wherein said low-resolution position detecting means comprises a counter for counting a timing signal based on said linear scale and wherein said high-resolution position detecting means comprises a timer which is initialized by said timing signal and measures a time with a predetermined clock signal.

16. The image forming device according to claim 6 wherein said calculating means uses said pattern detecting means to detect the vertical bar at least two positions in a longitudinal direction of said vertical bar to obtain a print position of said vertical bar based on an average value of the detected results.

17. The image forming device according to claim 9 wherein, based on both edges of an obtained pattern element, said calculating means calculates a center position of a width of the pattern element.

#### REMARKS

The above amendments to the specification are to correct minor typographical errors wherein the symbols "Δ" and "°" did not print out properly in the specification. These corrections are apparent from the meaning of the text and from review of the associated drawings. The amendments to the claims are presented to put the multiple dependent claims in non-multiple dependent format.